CLAIMS:

1. A dual mode tuning arrangement for tuning to VHF television signals and to FM radio signals, said arrangement having a local oscillator circuit comprising a first series arrangement of first and second inductances (L_1, L_2), a second series arrangement of a variable capacitance diode (C_v) and a first padding capacitor (C_{p1}), said first and second series arrangements being interconnected at first and second junctions (J_1, J_2) to constitute a parallel arrangement, an active oscillator element (S) being connected between the first junction (J_1) of said parallel arrangement and ground, a third series arrangement of a mode switching diode (C_{sw}) and a second padding capacitor (C_{p2}) connected in parallel with one of said first and second inductances, means (R_3) for supplying a tuning voltage (V_t) to the junction of the variable capacitance diode (C_v) and the first padding capacitor (C_{p1}) and means (R_2) for supplying a mode switching voltage (V_s) to the junction of the mode switching diode (C_{sw}) and the second padding capacitor (C_{p2}), characterized by a damping resistor (R_{1a}) for suppressing parasitic oscillations connected between the second junction (J_2) of said parallel arrangement and ground.